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AMENDMENTS TO THE CLAIMS

CLAIM 1 (PREVIOUSLY PRESENTED): A bicycle power supply apparatus comprising:  
a battery unit;

a bicycle condition detecting unit that detects when a bicycle is in a selected condition that ordinarily does not require drawing current from the battery unit for powering a current drawing element; and

a voltage decreasing unit that decreases voltage of the battery unit when the bicycle condition detecting unit detects the selected condition.

CLAIM 2 (ORIGINAL): The apparatus according to claim 1 wherein the selected condition is a stopped condition of the bicycle.

CLAIM 3 (ORIGINAL): The apparatus according to claim 2 wherein the selected condition is a stopped condition of the bicycle for a predetermined time interval.

CLAIM 4 (PREVIOUSLY PRESENTED): The apparatus according to claim 1 further comprising a voltage sensor operatively coupled to the battery unit and to the voltage decreasing unit to provide voltage information to the voltage decreasing unit.

CLAIM 5 (PREVIOUSLY PRESENTED): The apparatus according to claim 4 wherein the voltage decreasing unit causes current to be drawn from the battery unit when the bicycle condition detecting unit detects the selected condition until the voltage sensor senses a predetermined voltage.

CLAIM 6 (PREVIOUSLY PRESENTED): The apparatus according to claim 1 wherein the voltage decreasing unit turns on a display powered by the battery unit to draw current from the battery unit.

CLAIM 7 (PREVIOUSLY PRESENTED): The apparatus according to claim 1 wherein the voltage decreasing unit turns on a motor driver powered by the battery unit to draw current from the battery unit.